

Topographic and Geologic Survey of
Pennsylvania

PUBLICATIONS


OF THE

United States Geological Survey

RELATING TO

PENNSYLVANIA

HARRISBURG, PA.:
WM. STANLEY RAY, STATE PRINTER
1914



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PUBLICATIONS

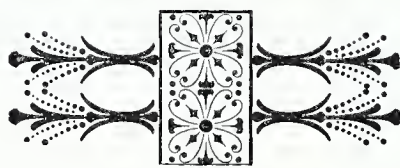
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PUBLICATIONS OF THE UNITED STATES GEOLOGICAL SURVEY RELATING TO PENNSYLVANIA

In connection with the contract between the United States Geological Survey and the Topographic and Geologic Survey Commission of Pennsylvania relating to co-operative topographic work in the State, provision was made regarding certain geologic work. Under the provisions of the contract as made, the results of the co-operative geologic work have been issued by the National Survey, and therefore the State Survey does not have the same for distribution. The following list embraces the publications issued by the United States Geological Survey relating to Pennsylvania geology, including such reports as have been prepared solely by the National organization.

All requests for these reports should be made to—

The Director,
United States Geological Survey,
Washington, D. C.

FOLIOS.

Masontown-Uniontown folio, Pennsylvania, description by M. R. Campbell. Geologic Atlas U. S., folio 82, 1902.

Gaines folio, Pennsylvania-New York, description by M. L. Fuller. Geologic Atlas U. S., folio 92, 1903.

Elkland-Tioga folio, Pennsylvania-New York, description by M. L. Fuller and W. C. Alden. Geologic Atlas U. S., folio 93, 1903.

Brownsville-Connellsville folio, Pennsylvania, description by M. R. Campbell. Geologic Atlas U. S., folio 94, 1903.

Indiana folio, Pennsylvania, description by G. B. Richardson. Geologic Atlas U. S., folio 102, 1904.

Latrobe folio, Pennsylvania, description by M. R. Campbell. Geologic Atlas U. S., folio 110, 1904.

Kittanning folio, Pennsylvania, description by Charles Butts. Geologic Atlas U. S., folio 115, 1904.

Waynesburg folio, Pennsylvania, description, by R. W. Stone. Geologic Atlas U. S., folio 121, 1905.

Elders Ridge folio, Pennsylvania, description by R. W. Stone. Geologic Atlas U. S., folio 123, 1905.

Rural Valley folio, Pennsylvania, description by Charles Butts. Geologic Atlas U. S., folio 125, 1905.

Ebensburg folio, Pennsylvania, description by Charles Butts. Geologic Atlas U. S., folio 133, 1905.

Beaver folio, Pennsylvania, description by L. H. Woolsey. Geologic Atlas U. S., folio 134, 1905.

Amity folio, Pennsylvania, description by F. G. Clapp. Geologic Atlas U. S., folio 144, 1907.

Rogersville folio, Pennsylvania, description by F. G. Clapp. Geologic Atlas U. S., folio 146, 1907.

Accident-Grantsville folio, Pennsylvania-Maryland-West Virginia, description by G. C. Martin. Geologic Atlas U. S., folio 160, 1909.

Philadelphia folio, Pennsylvania-New Jersey-Delaware, description by F. Baseom, W. B. Clark, N. H. Darton, H. B. Kümmel, R. D. Salisbury, B. L. Miller and G. N. Knapp. Geologic Atlas U. S., folio 162, 1909. Covers Norristown, Philadelphia, Chester and Germantown quadrangles.

Mercersburg-Chambersburg folio, Pennsylvania, description by George W. Stose. Geologic Atlas U. S., folio 170, 1909.

Warren folio, Pennsylvania-New York, description by Charles Butts. Geologic Atlas U. S., folio 172, 1910.

Johnstown folio, Pennsylvania, description by W. C. Phalan. Geologic Atlas U. S., folio 174, 1910.

Sewickley folio, Pennsylvania, description by M. J. Munn. Geologic Atlas U. S., folio 176, 1911.

Burgettstown-Carnegie folio, Pennsylvania, description by E. W. Shaw and M. J. Munn. Geologic Atlas U. S., folio 177, 1911.

Foxburg-Clarion folio, Pennsylvania, description by E. W. Shaw, E. F. Lines and M. J. Munn. Geologic Atlas U. S., folio 178, 1911.

Pawpaw-Hancock folio, West Virginia-Maryland-Pennsylvania, description by G. W. Stose and C. K. Swartz. Geologic Atlas U. S., folio 179, 1911.

Claysville folio, Pennsylvania, description by M. J. Munn. Geologic Atlas U. S., folio 180, 1911.

Barnesboro-Patton folio, Pennsylvania, description by M. R. Campbell, F. G. Clapp and Charles Butts. Geologic Atlas U. S., folio 189, 1913.

BULLETINS.

Stratigraphy of the bituminous coal fields in Pennsylvania, Ohio, and West Virginia, by I. C. White. Bull. No. 65, 1891, pp. 212.

Limestones of southwestern Pennsylvania, F. G. Clapp. Bull. 249, 1905, pp. 52.

Mineral resources of the Elders Ridge quadrangle, Pennsylvania, by R. W. Stone. Bull. No. 256, 1905, pp. 86.

Economic geology of the Kittanning and Rural Valley quadrangles, Pennsylvania, by Charles Butts. Bull. No. 279, 1906, pp. 198.

Economic geology of the Beaver quadrangle, Pennsylvania, by L. H. Woolsey. Bull. No. 286, 1906. pp. 132.

Economic geology of the Amity quadrangle, Pennsylvania, by F. G. Clapp. Bull. No. 300, 1907. pp. 145.

Oil and gas fields of Greene County, Pennsylvania, R. W. Stone and F. G. Clapp. Bull. No. 304, 1907. pp. 110.

Geology of the oil and gas fields in Steubenville, Burgettstown and Claysville quadrangles, Ohio, West Virginia and Pennsylvania, W. T. Griswold and M. J. Munn. Bull. No. 318, 1907. pp. 196.

Mineral resources of Johnstown, Pennsylvania and vicinity, by W. C. Phalen and Lawrence Martin. Bull. No. 447, 1911. 142 pp. 7 pls.

Coal, oil and gas of the Foxburg quadrangle, Pennsylvania, by E. W. Shaw and M. J. Munn. Bull. No. 454, 1911. 85 pp., 10 pls.

Oil and gas fields of the Carnegie quadrangle, Pennsylvania, by M. J. Munn. Bull. No. 456, 1911. 99 pp., 5 pls.

Magnetite deposits of the Cornwall type in Pennsylvania, by A. C. Spencer. Bull. No. 359, 1908. 102 pp., 2 pls.

Copper deposits of the Appalachian States, by W. H. Weed. Bull. No. 455, 1911. 166 pp., 6 pls.

On the fossil faunas of the Upper Devonian, by H. S. Williams. Bull. No. 3, 1884. 36 pp.

The Cambrian rocks of Pennsylvania, by C. D. Walcott. Bull. No. 134, 1896. 43 pp., 15 pls.

The Devonian system of eastern Pennsylvania and New York, by C. S. Prosser. Bull. No. 120, 1894. 81 pp., 2 pls.

The ancient volcanic rocks of South Mountain, Pennsylvania, by F. Bascom. Bull. No. 136, 1896. 124 pp., 28 pls.

The Glacial boundary in Western Pennsylvania, Ohio, Kentucky, Indiana and Illinois, by G. F. Wright. Bull. No. 58, 1890. 112 pp., 8 pls.

Results of spirit leveling in Pennsylvania for the years 1899 to 1905, inclusive, by S. S. Gannett and D. H. Baldwin. Bull. No. 288, 1906. 62 pp.

Notes on Explosive mine gases and dusts, with special reference to explosions in the Monongah, Darr and Naomi mines, by R. T. Chamberlin. Bull. No. 383, 1909. 67 pp.

The State geological Surveys of the United States, compiled under the direction of C. W. Hayes. Bull. No. 465, 1911. 177 pp.

The Onondaga fauna of the Allegheny region, by E. M. Kindle. Bull. No. 508, 1912. 144 pp., 13 pls.

Results of Spirit Leveling in Pennsylvania, 1889 to 1911, inclusive. R. B. Marshall, chief geographer. Bull. No. 515, 1912. 163 pp., 1 pl.

ECONOMIC PAPERS.

Anthracite coal mining, by H. M. Chance. Mineral resources U. S. for 1883 and 1884, 1885, pp. 104-131.

The Stratigraphic succession of the Fossil Floras of the Pottsville formation in the southern Anthracite coal field, Pennsylvania, by David White. Twentieth Ann. Rept., Pt. II, 1900. pp. 749-930.

(An account of the occurrence of the Lykens coals in Stony Mountain and in the Dauphin basin.)

The Pennsylvania Anthracite Coal Field, by H. H. Stoeck. Twenty-second Ann. Rept., Pt. III, 1902. pp. 55-117.

The Bituminous Coal Fields of Pennsylvania, by David White and M. R. Campbell. Twenty-second Ann. Rept., Pt. III, 1902. pp. 127-200.

Recent work in the Bituminous Coal Fields of Pennsylvania, by M. R. Campbell. Bull. No. 213.

The Barnesboro-Patton Coal Field of Central Pennsylvania, by J. S. Burrows. Bull. No. 225.

The Elders-Ridge Coal Field, Pennsylvania, by R. W. Stone. Bull. No. 225.

Coal mining along the southeastern margin of the Wilmore basin, Cambria county, Pennsylvania, by Charles Butts. Bull. No. 225.

Pittsburg coal in the Burgettstown quadrangle, Pennsylvania, by W. T. Griswold. Bull. No. 260.

Clearfield Coal Field, Pennsylvania, by G. H. Ashley. Bull. No. 285.

The Punxsutawney and Glen Campbell Coal Fields of Indiana and Jefferson Counties, Pennsylvania, by F. B. Peck and G. H. Ashley. Bull. No. 285.

Coals of Clarion quadrangle, Clarion county, E. F. Lines. Bull. No. 316.

Coal resources of Johnstown and vicinity, W. C. Phalen. Bull. No. 316.

Brownstones of Pennsylvania, T. C. Hopkins. Eighteenth Annual Rept., Pt. V, 1897.

Cement-rock deposits of the Lehigh district, E. C. Eckel. Bull. No. 225.

Cement resources of Pennsylvania, by E. C. Eckel. Bull. No. 243.

Ganister in Blair county, by Charles Butts. Bull. No. 406.

Ganister in Blair county, by Charles Butts. Bull. No. 380.

Slate Deposits and Slate Industry of the United States, T. N. Dale. Bull. No. 275.

The slate industry of Slatington, Pennsylvania, and Martinsburg, West Virginia, T. N. Dale. Bull. No. 213.

White clays of South Mountain, G. W. Stose, Bull. No. 315.

Clays and Shale of the Clarion quadrangle, Clarion county, E. F. Lines. Bull. No. 315.

Clays and Shales of Southwestern Cambria county, W. C. Phalen and Lawrence Martin. Bull. No. 315.

Notes on clays and shales in central Pennsylvania, G. H. Ashley. Bull. No. 285.

Clays of the Ohio Valley in Pennsylvania, L. H. Woolsey. Bull. No. 225.

Clays of the United States east of the Mississippi river, by H. Ries. Prof. Paper No. 11.

Gravel and sand in the Pittsburg district, Pennsylvania, by E. W. Shaw. Bull. No. 430.

Feldspar deposits of the United States, by E. S. Bastin. Bull. No. 420.

Barite in southern Pennsylvania, by G. W. Stose. Bull. No. 225.

Magnetite deposits of the Cornwall type in Berks and Lebanon counties, A. C. Spencer. Bull. No. 315.

Magnetite deposits of the Cornwall type in Pennsylvania, by A. C. Spencer. Bull. No. 359.

The Jauss iron mine, Dillsburg, Pennsylvania, by A. C. Spencer. Bull. No. 430.

Deposits of Brown iron ore near Dillsburg, York county, Pennsylvania, by E. C. Harder. Bull. No. 430.

Mineral paint ores of Lehigh Gap, E. C. Eckel. Bull. No. 315.

Ocher deposits of eastern Pennsylvania, by J. C. Stoddard and A. C. Callen. Bull. No. 430.

Paint ores near Lehigh Gap, Pennsylvania, by F. T. Agthe and J. L. Dynan. Bull. No. 430.

Paint shales of Pennsylvania, by B. L. Miller. Bull. No. 470.

Phosphorus ore of Mount Holly Springs, G. W. Stose. Bull. No. 315.

A Phosphate prospect in Pennsylvania, M. C. Ihlseng. Seventeenth Annual Rept., Pt. III, 1896.

The Ninevah and Gordon oil sands in western Greene county, Pennsylvania, F. G. Clapp. Bull. No. 285.

The Gaines oil field in northern Pennsylvania, M. L. Fuller. Twenty-second Annual Rept., Pt. III, 1902. pp. 54.

The Hyner gas pool, Clinton county, by M. L. Fuller. Bull. No. 225.

Oil and gas fields of eastern Greene county, Pennsylvania, R. W. Stone. Bull. No. 225.

The copper deposits of South Mountain, in southern Pennsylvania, by G. W. Stose. Bull. No. 430.

Copper deposits of the Appalachian States, by W. H. Weed. Bull. No. 455.

Denudation and erosion in the southern Appalachian region and the Monongahela basin, by L. C. Glenn. Prof. Paper No. 72.

Geologic structure of the Punxsutawney, Curwensville, Houtzdale, Barnesboro and Patton quadrangles, central Pennsylvania, by G. H. Ashley and M. R. Campbell. Bull. No. 531.

TECHNOLOGICAL.

Preliminary report on the operations of the coal-testing plant of the United States Geological Survey at the Louisiana Purchase Exposition, St. Louis, Mo., 1894, E. W. Parker, J. A. Holmes, M. R. Campbell, committee in charge. Bull. No. 261.

Survey Work on Coal during 1905, by M. R. Campbell. Bull. No. 285. Gives a short account of geologic work on coal areas in 1905, of the work of the fuel-testing division, and of the classification of coals.

Preliminary Report of the Operations of the Fuel-Testing Plant of the United States Geological Survey at St. Louis, Missouri, 1905. J. A. Holmes in charge. Bull. No. 290.

Report on the Operations of the Coal-Testing Plant of the United States Geological Survey at the Louisiana Purchase Exposition, St. Louis, Missouri, 1904. E. W. Parker, J. A. Holmes, M. R. Campbell, committee in charge. Prof. Paper No. 48, 1906. (In three parts.) pp. 1, 492.

WATER RESOURCES.

Water Resources of the Philadelphia District, by F. Bascom, 1904. W. S. No. 196.

Quality of Water in the Susquehanna River drainage basin, by M. O. Leighton, with an introductory chapter on physiographic features, by G. B. Hollister, 1904. W. S. No. 108.

Hydrography of the Susquehanna River drainage basin, by J. C. Hoyt and R. H. Anderson, 1905. W. S. No. 109.

Papers on the Water Resources of Chambersburg, Mercersburg, Curwensville, Ebensburg, Bainesboro, Elders Ridge, Waynesburg, Accident and Grantsville quadrangles, by M. L. Fuller, Geologist in charge, 1904. W. S. No. 110.

The Potomac River basin, by Bailey Willis, R. H. Bolster, H. N. Barker, W. W. Ashe and M. C. Maesh, 1907. W. S. No. 192, pp. 364.

Underground waters of eastern United States, by M. L. Fuller. W. S. No. 114.

Papers on stream measurement have been published under different titles in Water-Supply and Irrigation Papers as follows: Nos. 47, 48 (1901), 82 (1903), 97 (1904), 125, 126, 128 (1905), 167, 169 (1906), 202, 203, 205 (1907), 206 (1907), 241 (1909), 243 (1910), 261, 263 (1911), 281, 283, 284, 304 (1912), 303 (1913).

